

Service Coordination Board (SCB) Meeting Summary

Date: 21 August 2013

Members in attendance:

| | Member | In Attendance |
|-----------------|------------------|---------------|
| AES | John Maclean | √ |
| | Geoff Pile | √ |
| ASD | Michael Borland | √ |
| | Ali Nassiri | |
| XSD | Mark Beno | √ |
| | Chris Jacobsen | |
| | Jonathan Lang | √ |
| Upgrade Project | Tom Fornek | √ |
| | Mohan Ramanathan | |

Secretary: D. Ferguson

Also in attendance: R. Torres, C. Eyberger, S. Davey

Agenda

Review of July 24, 2013 meeting minutes

Review of Open Action Items

Project Report Discussion

New Business

- SCB Charter Revision: Design Review
- Financials

Meeting Summary

The meeting minutes from 24 July 2013 were approved with minor changes. Open action items were discussed. See below for details. New business discussed included SCB Charter revision to include design review and financial impact of the FY14 budget. R. Torres provided an update on the project report. This report can be accessed through the following links

Permanent URL to the newest https://icmsdocs.aps.anl.gov/docs/idcplg?IdcService=DISPLAY_URL&dDocName=APS_1432632 released revision:

Permanent URL to the https://icmsdocs.aps.anl.gov/docs/idcplg?IdcService=DISPLAY_URL&dDocName=APS_1432632&dRevLabel=26 selected revision:

Web Location: https://icmsdocs.aps.anl.gov/docs/groups/aps/@apsshare/@computersystems/documents/list/aps_1432632.pdf

Native File: [Project Report Summary - July 2013 \(APS_1432632\).xlsx](#)

Discussion: [Create Discussion](#)

New Action Items

1. Provide estimate and submit project plan for proposal 1713 (Beam Scraper) [Torres]- Closed
2. Clarification of project 515 in relation to project 481 [Torres] - Closed
3. Revise SCB Charter for inclusion of design review [Davey] – Closed
4. Alter the template with the ability to state a graded review level [Pile] - Closed

Open Action Items

1. Confirm effort with B. Rusthoven for project 1153 [Pile] – Open
2. Send email regarding project updates for ASD projects that will not be approved [Davey] – Open
3. Evaluate and document risk assessment for proposal 1713 (Beam Scraper) [Borland] – Open

Agenda Topic Review of Minutes from July 24, 2013 SCB meeting

Minor corrections to the minutes were suggested. These corrections have been incorporated into the final meeting minutes posted on the web.

Agenda Topic Review of Open Action Items

Project 1713 plan is in draft and effort has been tracked in the green sheet system. There was discussion as to whether or not this project should be removed until a plan is received. R. Torres to work with principal investigator in completing plan.

Project 1673 has submitted a plan. ASD and XSD will provide engineering effort and labor. Previous open action items have been resolved. This project has been moved to approved status per Borland and Beno.

Actions Items for discussion in fiscal year 2014 were presented to the OPS Directory and APS Director. They are as follows:

1. Provide list of the status of XSD Beamline Equipment Protection Systems (BLEPS) items needed to G. Pile [Beno, Jacobsen & Lang] – Closed
2. AES to examine forming a small team to perform standardization of Beamline Equipment Protection Systems (BLEPS) and communicate to XSD and ASD the ability to complete identified items [Pile] – Closed

These items will be resolved by that group. No further action by the Service Coordination Board is required.

Agenda Topic Review Project Report Summary Discussion

Updates to the project plan are reflected in the summary below.

Approved Projects:

AES 420 Linac Water Station Rebuild (Wright): Project is using components that have been procured. Final phase is unclear due to limited resources.

AES 456 Insertion Device Control Upgrade (Farnsworth): X-Ray network and server upgrades (Sidorowicz): Due to the loss of funding, no additional updates for the remainder for FY13.

XSD 482 Instrumentation of 1-ID-E Hutch for High Energy Diffraction (Benda) Most of the progress has occurred with the MTS table subproject, slated to be operational early August. Overall, July show a dip in effort due to significant sick time and vacations.

AeroTech (25%): The rotary union and slip rings may no longer be needed. However, the table assembly and adjacent SMS need to be configured in CAD for integration within the overall hutch layout. Some table parts exist from a previous project. Effort is needed to examine other items needed to assemble a functioning support table.

MTS Table (85%): The designer working on the final drawings was out sick for 3+ weeks. Drawings had to go out for fabrication without being released. The final assembly drawing will not be finished until after the assembly and installation of the table in August. All components,, custom or commercial are on order. Effort is needed to install and align the table within the E-hutch. Final details such as stops, encoders, covers, etc. will have to be addressed upon installation.

Overhead Rail (30%) A concept with merit will be moved into the preliminary design phase. This subproject relies on an accurate layout of the hutch and proximate instrumentation. The team is working with Square-1 to subcontract a conical slit manipulation system which is slated to go on the rail. Specs for this were written and the vendor is working on a concept to present.

Hydra 2.0 (0%) No effort due to lower prioritization

Very Far(90%) Minimal change in status

SAXS Table (60%): Minimal change in status

XSD 487 2-ID-D Double Multilayer Monochromator: Unchanged

ASD 1673 Installation, test and commissioning of 400 kJ capacitor bank on 6-ID-B received project plan

No updates from the following projects

- ASD P-1154 X-Ray BPM Enhancement

- ASD 1253 Fundamental PAR RF Cavity BeamTube Assembly
- ASD 1254 Harmonic PAR Circulator
- ASD 1373 Linac Transverse Deflecting Cavity
- ASD 1374 APS New Electron Gun

The following projects are on hold

- XSD 1095 Upgrade to High Energy Monochromators
- XSD 1097 High Throughput Development for 11-ID-B

Provisionally Approved

There was discussion as to whether or not all provisionally approved projects should appear on the project spreadsheet. Of the ones currently receiving effort, the updates are below

XSD 508 11-BM Complete Assembly of Sample Changing Robot Hand: Project plan received

XSD 515 Install new TXM system No project plan in place. Engineering is finished. BCDA is close. Will be completed in August.

ASD 1713 Sector 37 Scraper Upgrade received incomplete project plan. R. Torres to work with Y. Chae to complete

ASD 1293 project plan requested from L. Emery

AES projects 516 and 517 are subparts of project 482.

AES 1054 is a duplication of AES 1374

It is unclear if 515 is a subproject of 481. R. Torres to get clarification and resolution from Francesco.

Completed

XSD 481 Replace TXM in 32-ID

New Business

SCB Charter Revision: Design Review

The Deputy Associate Laboratory Director, Accelerators requested that the SCB play a role in APS design reviews at project initialization. This topic was discussed and agreed upon. S. Davey will revise the SCB charter for consideration. G. Pile will alter the template with the ability to state a graded review level.

Financials

A discussion was held regarding financials and the budget situation for the remainder of FY13 and FY14. Operating budgets for FY14 is projected to be zero. Labor and effort can continue on projects but no money is to be expended on M&S. There may need to be a re-examination of project prioritization.

Upgrade Project Update

T. Fornek discussed latest developments in the APS Upgrade Project. A paragraph has been posted on the Upgrade website regarding the current status. The effect on future planning and efforts is unknown at this time.

Next Meeting: September 18, 2013, 401/B4100, 11:15